

Claims

- [c1] 1. An apparatus of holder of photomask means a holder being able to prevent the photomask from friction with the protrusions therein in consequence of not creating any dust particle.
- [c2] The holder features that the protrusion is made of PEEK material with attrition resisting and high hardness.
- [c3] On the side of the protrusion is shaped in inclination toward center with the top in long cambered surface as supporting ridge.
- [c4] The protrusion can be inserted into the through hole of the holder to let the photomask dispose hereon. And, by means of the supporting ridge with the long cambered surface of the protrusion to uphold photomask, the contacting area of friction is reduced.
- [c5] Thus, it prevents from contact with the Chromium (Cr) deposition on the bottom surface of the photomask therein to avoid attrition of the protrusion creating any dust particle.
- [c6] 2. A holder of photomask as claimed in claim 1, wherein

the protrusion is also made of VESPEL material with attrition resisting and high hardness.

[c7] 3.A holder of photomask as claimed in claim 1, wherein the shape of the pedestal at the distal end of the supporting ridge on the protrusion can be adapted to match the structure of the through hole on the holder.

[c8] 4.A holder of photomask as claimed in claim 1, wherein a pedestal, at distal end of the supporting ridge, is given to jointly integrate with the through hole of the holder.